

Monthly Progress Report #10

April 2005

Falcon Refinery Superfund Site
Ingleside
San Patricio County, Texas
TXD 086 278 058

Prepared for

National Oil and Recovery Corporation
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May 10, 2005

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None this reporting period

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None this reporting period

1.0 INTRODUCTION

This tenth Monthly Progress Report is submitted in accordance with the Falcon Refinery Site Administrative Orders on Consent for Removal Action and Remedial Investigation / Feasibility Study between the U.S. Environmental Protection Agency (U.S. EPA) and National Oil and Recovery Corporation (NORCO).

This Monthly Progress Report and subsequent reports will address activities associated with both of the orders.

The next monthly progress report covering May, 2005 will be submitted on or before June 10, 2005.

2.0 COMPLETED ACTIVITIES

2.1 Removal Action Activities

Since activities are now being performed on a daily basis, each day begins with a safety meeting about general hazards and specific concerns of each day's anticipated actions.

Approximately 445,000 gallons of liquid waste were removed and properly disposed during the month from Tanks 26 and 27. Due to the number of shipments (an average of four each day) the manifests will not be included in these reports. The originals are available at the BNC office in Georgetown. A compilation of hazardous liquid waste disposal is included as Table 1.

Clearing and grubbing have been ongoing.

2.2 Remedial Investigation / Feasibility Study (RI/FS)

Amendments to the RI/FS Work Plan, Quality Assurance Project Plan and Field Sampling Plan are being prepared. The amended reports will be provided to the EPA by May 5, 2005.

Interviews with neighbors to the Falcon Refinery that will be part of the work plan are addressed in Section 4.0 of this monthly progress report.

3.0 CHANGES MADE IN THE PLANS DURING THE REPORTING PERIOD

None this reporting period.

4.0 COMMUNITY RELATIONS

The project web site www.falcon-refinery.com is operational and available for review by the public. Included at the web site are links to all approved project documents, PowerPoint

presentations, contact information, site photographs, monthly progress reports and notifications of future meetings when they are announced.

NORCO personnel interviewed people that live adjacent to the North and South refinery sites to select sampling locations. During the interviews the neighbors provided information concerning a previously reported “oil filled sink hole”. It was determined that the sink hole was formed by a pipeline rupture (in 1985) from a pipeline that was not owned by NORCO or any former operator at the Falcon Refinery. The pipeline was owned by ARM Refining in 1985 and is currently owned by Plains Marketing. Photographic evidence of the spill or another spill that inundated the wetlands in 1985 can be found in Reference 58 of the document record, which is available in the Ingleside Library or at the project website.

During the community meeting for the project held on September 16, 2004, a neighbor to the North Site indicated that a sheen had been visible in the drainage ditch adjacent to her house. NORCO representatives contacted the neighbor for information that would assist in selecting sampling locations. The neighbor stated that the cause of the sheen wasn’t NORCO but instead was Plains Marketing. In the spring of 2004, to remove excess rainwater from inside the firewalls of their above ground storage tanks Plains Marketing was pumping water into the ditch along Bishop Road adjacent to the landowner’s house and onto NORCO property. NORCO has asked the EPA and TCEQ to investigate the discharge of water that contained a sheen.

5.0 CHANGES IN PERSONNEL DURING THE REPORTING PERIOD

No changes to personnel were made during the month.

6.0 LIST OF PROJECTED WORK FOR THE NEXT TWO MONTHS

6.1 Removal Action Work projected for the next two months includes:

- Continuing the removal and disposal of liquids from the storage tanks and pipelines at the anticipated rate of approximately 500,000 gallons a month;
- Contracting a company to pig and evacuate the pipelines that leave the facility;
- Revising the Land Treatment Unit (LTU) proposal based on comments received from the EPA and TCEQ;
- Removal of debris;
- Continued site maintenance; and
- Demolition of some onsite structures.

6.2 RI/FS Work projected for the next two months includes:

- Conferring with the EPA and Trustees about the work plan;
- Making amendments to the RI/FS Work Plan and submitting the final RI/FS Work Plan; and
- Making amendments to and submitting the Field Sampling Plan and the Quality Assurance Project Plan.

7.0 LABORATORY / MONITORING DATA

None this reporting period.

TABLES**Table 1
Hazardous Liquid Waste Disposal**

DISPOSAL FACILITY	ADDRESS	PHONE NO.	EPA ID NO.	CONTACT
Texas Molecular Corpus Christi Services, LP	6901 Greenwood Dr Corpus Christi, TX	361-852-8284	TXR000001016	Robert Rodriguez

RQ, HAZARDOUS WASTE LIQUID N.O.S., 9 , UN3082, III (D007, D008, D018)

Month	Volume (gal)
October-04	53,832
November-04	734,763
December-04	879,158
January-05	783,881
February-05	551,444
March-05	565,489
April-05	445,107
Total	4,013,674

**Table 2
Metal Disposal**

DISPOSAL FACILITY	ADDRESS	PHONE NO.	EPA ID NO.	CONTACT
Commercial Metal Company	4614 Agnes St Corpus Christi, TX	361-884-4071	None	David

RECYCLED METAL

Month	Volume (lbs)
October-04	0
November-04	16,820
December-04	19,640
January-05	31,380
February-05	0
Total	67,840

FIRE EXTINGUISHERS

Month	Quantity
December-04	10
Total	10

Industrial Fire & Safety Co. removed 10 fire extinguishers from the job site.
The powder was disposed of properly and the metal went to salvage.

Table 3
Contaminated Soil and Oily Debris Disposal

DISPOSAL FACILITY	ADDRESS	PHONE NO.	EPA ID NO.	CONTACT
U.S. Ecology Texas L.P.	P.O. Box 307 Robstown, TX	361-387-3518	TXD069452340	Glenda Felkner

PETROLEUM CONTAMINATED SOIL AND OILY DEBRIS

Month	Volume (cy)
October-04	0
November-04	0
December-04	40
January-05	0
February-05	0
Total	40

RQ, HAZARDOUS WASTE SOLID, N.O.S., LEAD, 9 NA3077, PGIII (OILY SLUDGE AND SOIL)

Month	Volume (cy)
February-05	15
Total	15

Table 4
Oil and Filter Disposal

DISPOSAL FACILITY	ADDRESS	PHONE NO.	EPA ID NO.	CONTACT
Texas Molecular Corpus Christi Services, LP	6901 Greenwood Dr Corpus Christi, TX	361-852-8284	TXR000001016	Robert Rodriguez

RECYLCED OIL AND FILTERS

Month	Volume (gal)
January-05	403
February-05	0
Total	403

DISPOSAL FACILITY	ADDRESS	PHONE NO.	EPA ID NO.	CONTACT
Midstate Environmental Services, LLC	2203 Tower Road Robstown, TX	361-387-2171	TXR000051227	Lloyd Cooke

RECYLCED OIL AND FILTERS

Month	Volume (gal)
January-05	16,651
February-05	0
Total	16,651

Table 5
Visibly Contaminated Surface Soil

Test Hole #	Tank 7 Visual Depth (in)	Tank 26 Visual Depth (in)	Tank 27 Visual Depth (in)
TH 1	4	4	2.5
TH 2	6	3	2.5
TH 3	3	3	8.5
TH 4	2	1.5	1
TH 5	5	4	7
TH 6	2	1	10
TH 7	3	4	3
TH 8	1	3	9
TH 9	2	1.5	5
TH 10	5.5	2	1.5
AVG	3.35	2.7	5

Area of Visual Contamination

	Tank 7	Tank 26	Tank 27
(ftxft)	100 x 190	186 x 183	100 x 190
(sq ft)	19,000	34,038	19,000
(acres)	0.44	0.78	0.44

Volume of Visual Contamination

	Tank 7	Tank 26	Tank 27	Total
(cu ft)	5,304	7,659	7,917	20,879
(cu yds)	196	284	293	773

Landfarm Design

Volume Required (cu yds)	Contaminated Soil Cell Depth (in)	Calculated Surface Area (sq ft)	Calculated Surface Area (acres)	Cell Dimension – Square (ft)
773	18	13,920	0.32	118
1,000	18	18,000	0.41	135